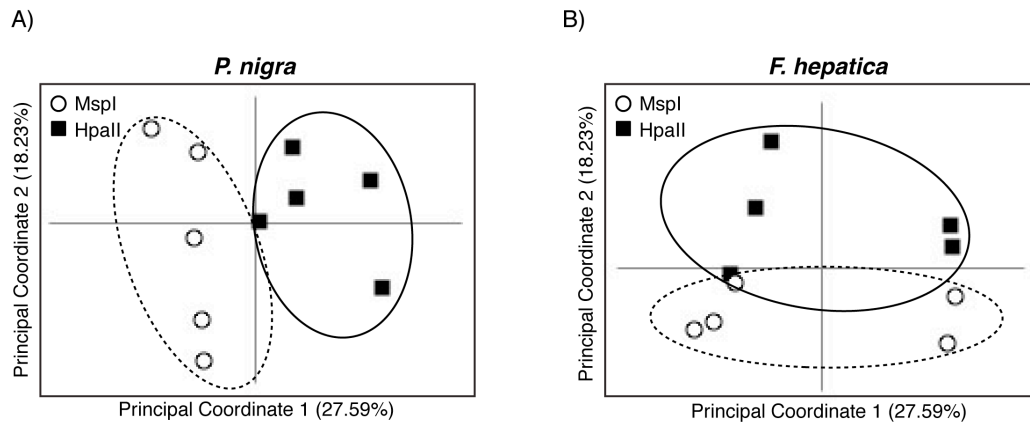


Additional File 1
MSAP analysis of *P. nigra* and *F. hepatica*



MSAP analysis of m5C in gDNA obtained from *P. nigra* (A) and *F. hepatica* (B) adults. *HpaII* (filled squares) and *MspI* (open circles) isoschizomers were used to restrict gDNA samples. Five biological replicate samples each derived from individual worms were analysed for each species. MSAP data (% = the two components explaining the most variability within the dataset) is illustrated by principal coordinate analysis (*MspI* replicates enclosed by dashed circle; *HpaII* replicates enclosed by solid oval). The genetic diversity between individual worms of both species is indicated by the variation of the *MspI* replicates (open circles).